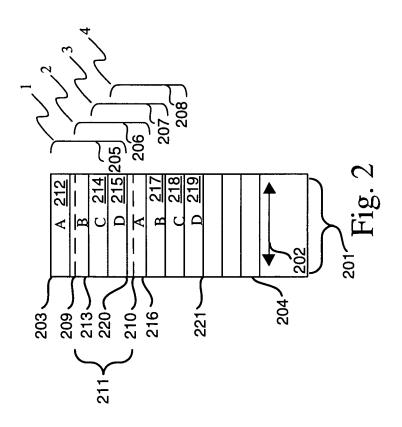


ROBERT ELLIOTT ROBOTHAM METHOD AND APPARATUS FOR ACCESSING DATA SEGMENTS HAVING ARBITRARY ALIGNMENT WITH THE MEMORY STRUCTURE IN WHICH THEY ARE STORED

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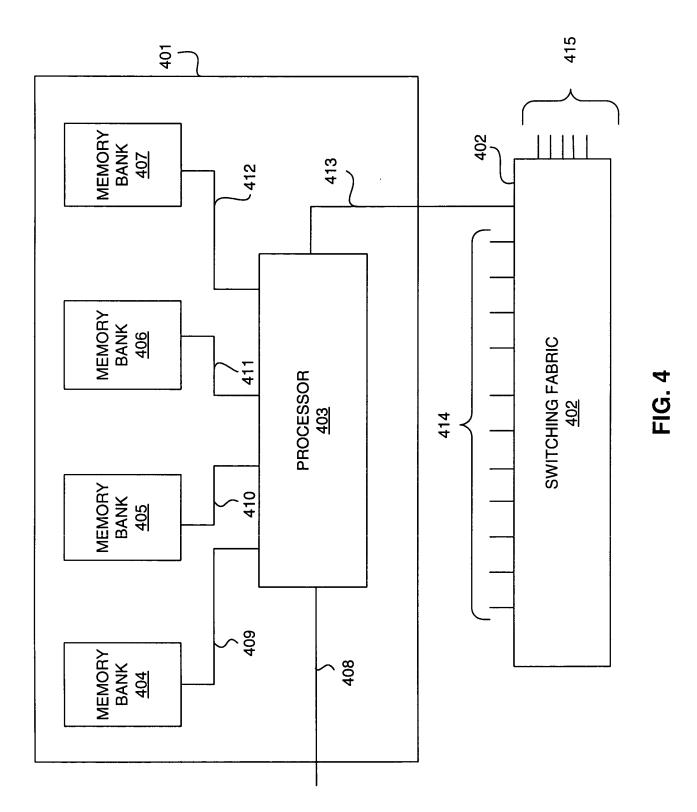
DEFINING A MEMORY ACCESS QUANTA SIZE BY DIVIDING T BY n, WHERE n = NUMBER OF QUANTA = INT ((T/(T-L+1))+1), WHERE T= TOTAL MEMORY BANDWIDTH AND L = AMOUNT OF DATA NEEDED

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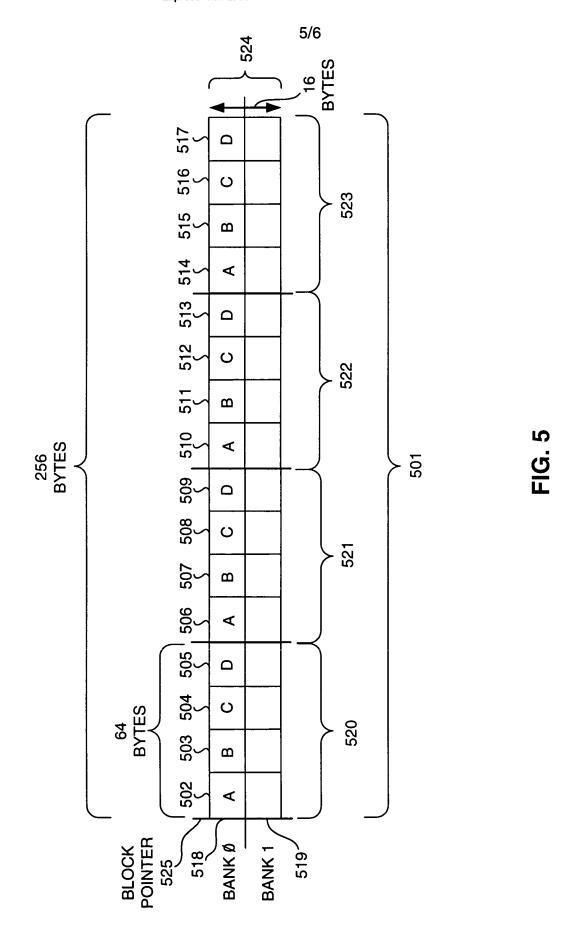
ACCESSING THE MEMORY TO RETRIEVE THE TOTAL
MEMORY BANDWIDTH (I.E., BURST SIZE) STARTING AT THE
BEGINNING OF THE QUANTUM IN WHICH THE BEGINNING
OF THE DESIRED DATA IS LOCATED

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FIG. 3



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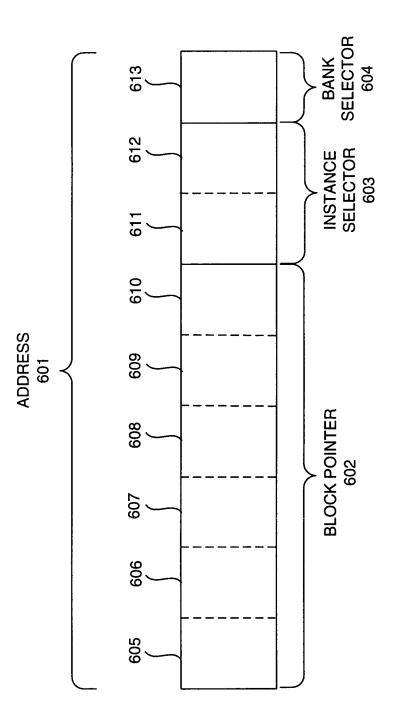


FIG. 6